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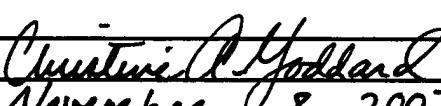
(to be used for all correspondence after initial filing)

		Application Number	10/659,083
		Filing Date	September 9, 2003
		First Named Inventor	Simon Delagrange
		Art Unit	n/a
		Examiner Name	n/a
Total Number of Pages in This Submission		Attorney Docket Number	QT-0001

### ENCLOSURES (Check all that apply)

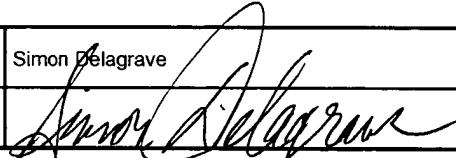
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Christine A. Goddard 46,731
Signature	
Date	November 8, 2003

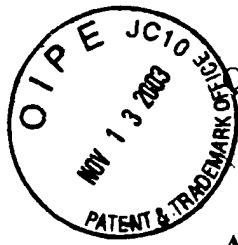
### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Simon Delagrange
Signature	
	Date 11-10-03

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PTO-0001

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** Simon Delagrange  
**Serial No.:** 10/659,083  
**Filed:** September 9, 2003  
**For:** METHODS OF PREPARING  
IMPROVED AGENTS BY  
COEVOLUTION

**Art Unit:** n/a  
**Examiner:** n/a

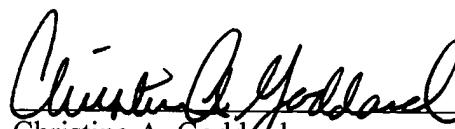
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Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

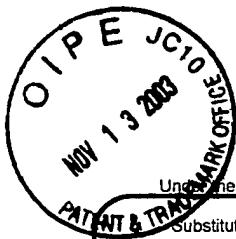
Pursuant to 37 C.F.R. § 1.56 and in accordance with §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed on the attached PTO/SB/08A. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. § 1.56(b).

No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or certification is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

  
\_\_\_\_\_  
Christine A. Goddard  
Reg. No.: 46,731

Dated: 11-8-03



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1

of 3

**Complete if Known**

Application Number	10/659,083
Filing Date	September 9, 2003
First Named Inventor	Simon Delagrange
Art Unit	n/a
Examiner Name	n/a
Attorney Docket Number	QT-0001

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet

2

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3

Application Number	10/659,083
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Examiner Name	n/a
Attorney Docket Number	QT-0001

## NON PATENT LITERATURE DOCUMENTS

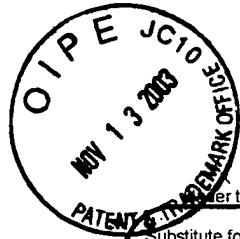
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		LENSKI, J. Theor. Biol. (1984), 108, 319	
		CUNNINGHAM et al., Prot. Eng., 1987, 1(4), 319	
		JOYCE, Gene, 1989, 82, 83	
		CHEN et al., Biotechnology, 1991, 9, 1073	
		BARBAS III et al., Proc. Natl. Acad. Sci. USA, 1994, 91, 3809	
		COWEN, FEMS Microbiol. Lett., 2001, 204, 1	
		ORENCIA et al, Nature Struct. Biol.. 2001, 8, 238	
		YUSA et al., J. Virol.. 2002, 3031	
		DAWKINS et al., Proc. R. Soc. Lond. B. 1979, 205, 489	
		VAN VALEN, Evolutionary Theory, 1973, 1, 1-30	

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		LENSKI et al., The American Naturalist, 1985, 125, 585	
		DOMINGO et al., The FASEB Journal, 1996, 10, 859	
		WLOTZKA et al., Chemistry & Biology, 1997, 4, 25	
		ROSIN et al., Artificial Life, 1998, 4, 41	
		ROSIN et al., Proc. Natl. Acad. Sci. USA, 1999, 96, 1369	
		ROSIN et al., J. Mol. Biol., 1999, 287, 77	
		PUNTORIERO et al., The EMBO Journal, 1998, 17, 3521	

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